

Describing & Measuring Motion Review

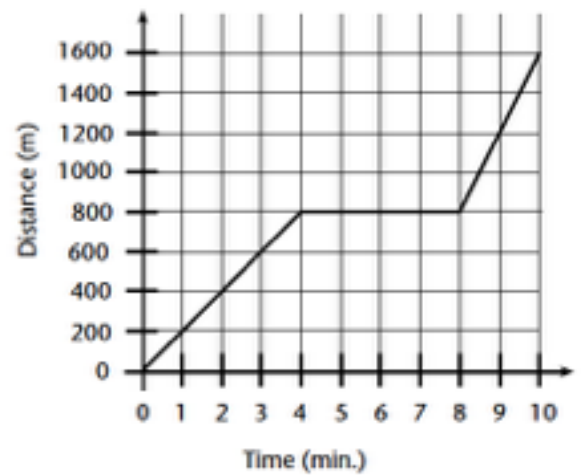
Name: _____ Date: _____

Table: _____ Section: _____

Part 1: Analysis

On Saturday, Ashley rode her bicycle to visit Maria. Maria's house is directly east of Ashley's. The graph shows how far Ashley was from her house after each minute of her trip.

1. Ashley rode at a constant speed for the first 4 minutes of her trip. What was her constant speed?
2. What was her average speed for the entire trip?
3. What was her average velocity for the entire trip?
4. Ashley stopped to talk with another friend during her trip. How far was she from her house when she stopped?
5. Ashley's brother rode beside her for several minutes. During this time, was he moving relative to Ashley?



Part 2: Conclude:

Describe how the graph and the narrative of Ashley riding her bike to Maria's house relate.